



02-28-03 6

16348

EXPRESS MAIL NO. EV207710124US

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Application Number	09/872,761
Confirmation Number	9920
Filing Date	June 01, 2001
First Named Inventor	John T. Mulligan
Group Art Unit	1634
Examiner Name	Frank Wei Min Lu, Ph.D.
Attorney Docket No.	340078.401

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MAR 4 2003

TECH CENTER 1600/290

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): <hr/> <hr/> <hr/>
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name

Richard G. Sharkey, Ph.D.
Registration No. 32,629



00500

PATENT TRADEMARK OFFICE

Signature

Richard G. Sharkey
February 26, 2003

Date

VIA EXPRESS MAIL

MillicentS/3549653



EXPRESS MAIL NO. EV207710124US

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)
82

Complete if Known

Application Number	09/872,761
Filing Date	June 01, 2001
First Named Inventor	John T. Mulligan
Examiner Name	Frank Wei Min Lu, Ph.D. MAR 04 2003
Group Art Unit	1634
Attorney Docket No.	340078.401

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METHOD OF PAYMENT

Payment Enclosed:

Check Credit card Money Order Other

Deposit Account:

Deposit Account Number

19-1090

Deposit Account Name

Seed Intellectual Property Law Group PLLC

The Commissioner is authorized to (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
 Charge any deficiencies

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES

Total Claims	31	-28** =	3	Extra Claims	Fee from below	Fee Paid
Independent Claims	1	-3** =	0	*		0
Multiple Dependent				*	Prev. Paid	0

Large Entity	Small Entity	Fee Description		
Fee Code	Fee (\$)	Fee Code		
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)			(\$)	27

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65			Surcharge - late filing fee or oath	
1052	50	2052	25			Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130			Non-English specification	
1812	2520	1812	2520			For filing a request for ex parte reexamination	
1804	920*	1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1840*	1805	1840*			Requesting publication of SIR after Examiner action	
1251	110	2251	55			Extension for reply within first month	55
1252	410	2252	205			Extension for reply within second month	
1253	930	2253	465			Extension for reply within third month	
1254	1450	2254	725			Extension for reply within fourth month	
1255	1970	2255	985			Extension for reply within fifth month	
1401	320	2401	160			Notice of Appeal	
1402	320	2402	160			Filing a brief in support of an appeal	
1403	280	2403	140			Request for oral hearing	
1451	1510	1451	1510			Petition to institute a public use proceeding	
1452	110	2452	55			Petition to revive - unavoidable	
1453	1300	2453	650			Petition to revive - unintentional	
1501	1300	2501	650			Utility issue fee (or reissue)	
1502	470	2502	235			Design issue fee	
1503	630	2503	315			Plant issue fee	
1460	130	1460	130			Petitions to the Commissioner	
1807	50	1807	50			Processing fee for provisional applications	
1806	180	1806	180			Submission of Information Disclosure Stmt	
8021	40	8021	40			Recording each patent assignment per property (times number of properties)	
1809	750	2809	375			Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375			For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375			Request for Continued Examination (RCE)	
1802	900	1802	900			Request for expedited examination of a design application	
Other fee (specify) _____							

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

55

SUBMITTED BY			
Name (Print/Type)	Richard G. Sharkey, Ph.D.		
Firm Name/ Address			
Signature			
Date	2/26/03		
		 00500 PATENT TRADEMARK OFFICE	



EXPRESS MAIL NO. EV207710124US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : John T. Mulligan and John C. Tabone
Application No. : 09/872,761
Confirmation No. : 9920
Filed : June 01, 2001
For : METHODS FOR IMPROVING THE SEQUENCE FIDELITY OF
SYNTHETIC DOUBLE-STRANDED OLIGONUCLEOTIDES

Examiner : Frank Wei Min Lu, Ph.D.
Art Unit : 1634
Docket No. : 340078.401
Date : February 26, 2003

Commissioner for Patents
Washington, DC 20231

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MAR 04 2003
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REPLY & AMENDMENT PURSUANT TO
37 C.F.R. §§ 1.111 & 1.121

Commissioner:

Please find enclosed a Petition for an Extension of Time and the requisite fee.

Please amend the application as follows:

In the Claims:

Please amend claims 2, 3, 6, 7 and 10 to read as follows:

2. (Amended) A method according to claim 1, wherein the column chromatography is high performance liquid chromatography (HPLC).

3. (Amended) A method according to claim 1, wherein the column chromatography is denaturing high performance liquid chromatography (DHPLC).

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